

-Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

Vol. 22 - No. 31

OAK RIDGE, TENNESSEE

Wednesday, August 14, 1968



Odis R. Chambers

Vinyl Fabric Will Be Carbide Line

Union Carbide Corporation has entered the vinyl apparel fabric industry with a new high style leathergrain reproduction in vinyl fabric, according to an announcement from William J. Canavan, president of the Fibers and Fabrics Division.

The new fabric will be sold under the registered trade name Vileau and this name will appear on the tags of all apparel made with this fabric. It will be marketed for a variety of apparel items including car coats, skirts, jumpers, shirts, and dresses and will be sold in both heavy and light weight in the full range of new high-fashion colors.

Coincidentally with its entry into the trade, Union Carbide made known the appointment of Franklin Manufacturing Company, 108 West 39th Street, New York, as national selling agents who will call on apparel manufacturers and leading chain stores. The Franklin organization has been a fabric supplier to the apparel industry for over 60 years and has national sales representation from coast-to-coast.

The new apparel material will be produced at Union Carbide's multi-million dollar vinyl fabrics manufacturing facility located in Bound Brook, New Jersey. Union Carbide is also the producer of Dynel modacrylic, a fashion fiber widely used in hairpieces and pile coats.

Old Dominion's Kernell **Guest At Seminar**

The Physics Division seminar Friday will feature R. L. Kernell, Old Dominion College. He will discuss "The 117,119Sn(p,n) 117, 119Sb Reactions near 0+ Analogue States."

The seminar is set for Friday, August 16, at 3:15 p.m. in the East Auditorium of ORNL's 4500 build-

Technical Society News Welcomed By Bulletin

With the beginning of Autumn, many technical societies will begin operations again for the new

The bulletin welcomes news of your meetings, election of officers, and what-have-you. Just submit your material to the Y-12 Bulletin, Building 9704-2.

O. R. Chambers Made Texas City Sets **Inspection Foreman**

New Foreman Born In Smoky Park Area

The Production Inspection Department announces the promotion of Odis R. Chambers to Inspection Foreman, effective August 1.

The new foreman was born in Cades Cove, which is now incorporated into the Great Smoky Mountain National Park. He worked with the Aluminum Company of America, at Alcoa, from 1941 until 1954, except for a threeyear hitch in the U. S. Army from 1943 until 1946. He came here September 3, 1954.

Chambers is married to the former Rosa E. Brown, and they live at 2218 West Clinch Avenue, Knoxville. He has a son O. R. Jr. and a step-son John D. Brown.

Chambers lists fishing and golf as two of his favorite pasttimes.

Decal Check Slated At Clark Center Park

Effective Saturday, August 17. decals will be required on automobiles entering the Clark Center just been completed. Recreation Park.

Officials will be on hand to check the vehicles. So if you have not put your decal on yet, better tend to it before you forget it. Remember, it goes on the left front bumper.

Added Expansion

Plans for an expansion of Union Carbide Corporation's vinyl acetate plant at Texas City, Texas have been announced by Birny Mason Jr., chairman of the board. The expansion will increase the capacity of the plant by 100 million pounds per year, bringing Union Carbide's total annual capacity of the product to 350 million pounds. Full operation is expected in the first quarter of

Vinyl acetate is used extensively in coatings and adhesive resins and latexes and as an intermediate in the manufacture of polyvinyl alcohol and polyvinyl butyral. These important chemical compounds in turn go into such familiar consumer items as water based paints, safety glass for automobiles, carpet household glue. backing,

The capacity increase at the Texas City plant will be the second step in a continuing expansion to meet the growing requirements for vinyl acetate. The first step, an increase in capacity of 50 million pounds a year, has

The expansion will be based on the acetylene process. The acetylene route to vinyl acetate is uniquely attractive to Union Carbide because of the corporation's development and investment in partial oxidation processes.

Historic Graphite Reactor Soon Will Become 'Open' Tourist Site

visits, beginning August 29.

Located at the Atomic Energy Laboratory, the Graphite or "X-10" Reactor will be the first of such AEC facilities to be open for as a National Historic Landmark.

At those dedication ceremonies Glenn T. Seaborg, Chairman of the Atomic Energy Commission, said, "From its secret birth to its reluctant retirement, the Graphite States.' Reactor contributed immeasurably to the defense of this nation's liberty, and to the betterment of man's everyday life."

The historic facility will be opened to the public from 12 noon until 4 p.m., Monday through Friday; and from 9 a.m. to 3 p.m. on Saturdays.

Secret X-10 Site

The Graphite Reactor was built during World War II as part of the secret "X-10" project designed to produce for the first time enough plutonium to enable chemists and engineers to devise a process for extracting the plutonium on a very large scale for use in the atomic bomb.

After the war the reactor assumed an important peacetime role. As the world's second reactor-it was built on the heel of the successful Enrico Fermi ex-

The oldest nuclear reactor in periment in Chicago—and as the existence will open here for public first reactor to operate at significant power, "X-10" served as an advanced research instrument and Commission's Oak Ridge National large producer of valuable radioisotopes.

After twenty years of operation the reactor was retired on Novemgeneral visits by the public. The ber 4, 1963. It had first achieved opening follows the designation criticality on November 4, 1943. in September 1966 of the reactor At the time of its shutdown, Chairman Seaborg said, "For years this reactor was the world's leading producer of radioisotopes, and as late as 1960 was the major source of supply in the United

> He added, "As a training instrument for reactor operators and technicians, the reactor lays claim to worldwide alumni, and the number of experiments and irradiations hosted over the years within its core are legion.'

Convenient Parking

Inside the reactor building visitors will be able to view the reactor loading face and control room. Additional exhibits and displays explaining the reactor and the research activities conducted at the Laboratory will also be located within the building. A representative from ORNL will be on duty at the reactor to answer visitor questions.

Visitors to the reactor will be able to park conveniently at a parking lot which has been constructed just off Bethel Valley Road. Access to the reactor will be by a walkway from the parking area, permitting a view of other Laboratory facilities.

Opening of the Graphite Reactor will bring to three the number of sites tourists and visitors to Oak Ridge may see to learn about atomic energy. The other sites are the American Museaum of Atomic Energy-Oak Ridge Hall of Science, which features a variety of displays and exhibits giving the history of atomic energy development; and the Gaseous Diffusion Plant Overlook, from which visitors may view the huge facility in which enriched uranium is produced for national defense as well as peaceful uses.



'THE 21ST CENTURY' TELEVISION SERIES has brought Union Carbide Corporation a citation from the National Association for Industry-Education Cooperation for its contribution to science education. The award was given to Union Carbide for its sponsorship of "The 21st Century" on CBS Television Network and for its efforts to bring the advanced technology of the series into classroom analysis and discussion. This was achieved through a program of supplying Teacher's Guides for each television episode to every secondary school and college in the United States and through the free-loan to schools of 16 mm color films of the TV episodes. The award presentation was made on April 1 during the National Science Teacher's Association's annual convention in Washington, D.C. Above Sister Margaret Jude, chemistry teacher at O'Rafferty High School, Lansing, Michigan, who nominated Union Carbide for the award; William H. MacCallum, NAIEC president; Morse G. Dial Jr., regional vice president of Union Carbide, who accepted the award; and Mrs. Ruth Feigl, chairman of the NAIEC Awards Committee.

Special Seminar Set By Physics Division

A special seminar, jointly sponsored by the Nuclear Data Project and the Physics Division is set for today. S. Jha, Case Western Reserve University, will discuss "The Mossbauer Effect in 189Os and

The seminar is set for today, Wednesday, August 14, at 3:15 p.m. in the East Auditorium, ORNL's 4500 building.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 142 Days Or 4,249,000 Man-Hours (Unofficial Estimate) Through August 11 Without a Disabling Injury

Safety At Home

At Work, At Play

The Bulletin

Published Weekly For The Y-12 Employees Of UNION CARBIDE CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG .



Appalachian Industrial Editor's Association

American Association Industrial Editors

OFFICE Post Office Box Y Oak Ridge, Tenn. 37830 Telephone 3-7100

Busy Scouter Is Angelque Myers



Angleque Myers

Angleque Myers of the Panorama Senior Troop 69 of Oak Ridge, Girl Scouts, recently attended the Space Exploration Conference in Huntsville, Alabama. The conference was sponsored by the North Alabama Council for Senior Girl Scouts.

Angleque was chosen as one of the 60 girl scouts from 31 states to attend the space conference. Highlights of the 10-day conference included an address by Werner Von Braun and tours of the Marshall Space Flight Center. The conference ran from July 16 to 26.

Angleque is the daughter of Mr. and Mrs. C. M. West (he's in Radiation Safety) and is also a niece of Thelma Bradshaw, Metal Preparation Division.

On return from this conference, Angleque made a three week trip to Germany. She will enter Birmingham Southern College, Birmingham, this fall.



KEVIN SCOTT WYNN is the grandson of W. W. Hammer, Guard Department. Kevin made his debut in this old world last October 2. Mighty glad to have you aboard, skipper!

Product Engineer Division Picnic

The Product Engineering Division staged their big annual picnic at the Clark Center Recreation Park, Saturday, August 3.
Elaine Fielden, daughter of J.

Elaine Fielden, daughter of J. H. Fielden, won a drawing of a gift certificate. Recreation include softball, swimming, skiing, and swinging by the "children."

The LRL/Sandria group (coached by Rick Hull) challenged the remaining groups in the division (coached by John Lay) in a show of athletic prowess.

Lay) in a show of athletic prowess on the softball field. The challenge was boldly and apparently foolishly accepted by Coach Lay since his team was soundly thrashed by the LRL/Sandia group, to the humiliating score of 21 to 7. It should be mentioned also that the score certainly would have been more embarrassing for Coach Lay and his team if the winning squad could have fielded more than eight players!

A rematch will certainly be scheduled in the future, provided the losing team has the intestinal fortitude to "show up."

Meanwhile, the entire division, reports a fine time at the Park.



Ride wanted from Emory Valley section, Oak Ridge, to Biology Portal, straight day. John Franklin, plant phone 3-5660, home phone 482-1239.

Ride wanted from Highland View School area, Oak Ridge, to East Portal, straight day. Mildred Hyp, plant phone 3-5968.

Car pool member wanted from Norwood section, Knoxville, to any portal, straight day. Gene Keith, plant phone 3-5698, home phone Knoxville 689-2229.

Riders wanted or will join car pool from Powell to any portal, straight day. Ray Turner, plant phone 3-5525, home phone Powell 947-6129.

Ride wanted from 3700 Sutherland Avenue, Knoxville, to Central Portal, straight day. Doris Ferguson, plant phone 3-5241, home phone Knoxville 588-0878.

Pesky Chigger Is **Best Treated Beforehand**

In the case of the pesky chigger . . a tiny, red mite in Tennessee woods . . . prevention is easier than the cure. The best prevention is a good dose of Union Carbide's 612 prior to a tramp in the woods and fields.

If you leave off the insect repellent, despite the claims of dozens of household remedies, about all you can do is scratch until the pesky bug dies.

Falls Injure Many In Home Over 65

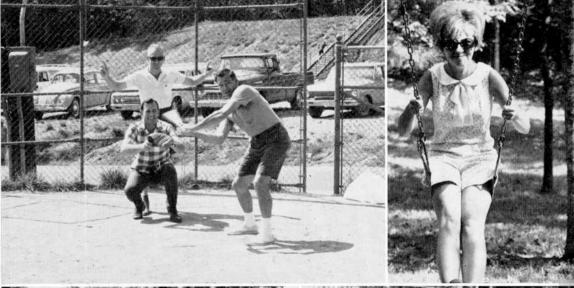
When you're past 65, and you have health problems, walking down stairs can be almost as spine-tingling as taking a toboggan down a steep hill. Last year almost half the persons killed in home accidents were over 65, and falls were the leading cause of these 14,100 fatalities to the elderly. Falls killed 9,600 people over 65 last year.

NO CHANGING

"There is nothing more tragic in life than the utter impossibility of changing what you have done. John Galsworthy.











Y-12'S PRODUCT ENGINEERING DIVISION enjoys a 'day at the park' Saturday, August 3. A heated softball game between two warring sections of t he division proved to be one of the highlights of the all-afternoon affair. Plenty of food kept everyone happy, too.

Colts Keep Clean Record - 7 Wins

The K-25 Colts edged ahead slightly in Softball standings last week, as they showed an extra win over the Y-12 Braves. (The Braves had Thursday's game called in the second inning when the rains came.)

Action began last Monday with the Cardinals taking the Eagles 9 to 6. The Cards outhit the Eagles 14 to 8, as the birds put five errors in the books.

The K-25 Colts overwhelmed the Bat Boys 24 to 2. Steve Cates, four for four, poled two homers . . John Keith, three for five, knocked one.

Al Stanton's only hit of the game was a homer for the losing

Tuesday saw the Colts tame the Eagles 11 to 6. Again Cates homered, as did Bob Seyfried.

On the losing squad it was Frank Koon and Jim Thompson with homers each.

The Cardinals took win number two of the week, this time at the expense of the All Stars, 8 to 4, even though the All Stars led in hitting, 14 to 10.

Bobby Belt belted two homers; Iver Jeter and Tommy Smith poled one each.

Wednesday saw the Braves beat the White Sox 11 to 3 . . . as Jim Shoemaker, Larry McDonald and Fred Wetzel all collected homers. McDonald and Steve Babb also earned fertile triples.

The J-Birds jarred by the Big Shop team 3 to 1 in final play Wednesday . . . as the Birds' Willie May sank one out of sight for four bags.

On the losing squad it was Perry Bullard and Jack Davis with triples.

One game did get into the Harry Hoy, 462. record book before the storm Thursday. The White Sox raged over the Bat Boys 19 to 8.

Glenn Bryson batted two hom-

Herb Reynolds and Ron Norris had brief moments of glory, in batting homers for the losing squad.

League standings follow: League standing
Team
K-25 Colts
Braves, Y-12
K-25 Gashouse Gang
Eagles, Y-12
Cardinals, Y-12
Big Shops, Y-12
Pirates, Y-12
Bat Boys, Y-12
J-Birds, K-25
Beta Two, Y-12
UCC All Stars, Y-12
White Sox, Y-12

HIPPIE UBER ALLES

In Germany, they call their hippies "Flower Krauts."



BETA TWO TEAM IS PART OF THE Y-12 contingent in the Y-12-ORGDP Softball League, now well into its second half. In the front row, from left, are E. C. Farris, Bob Tichenor, Charles Minor, Jack Sliger, Assistant Manager R. B. Birdwhistell, and Bat Boy Frank Jinks Jr. In the back row are Manager Larry Underdown, Joe Dick, L. E. Pate, C. R. Anderson, Frank Jinks and D. D. Keith.

Reimann Wins Hi Power Rifle Shoot

George Reimann, ORNL, won the final All Carbide High Power Rifle Match of the season with a 469 out of a possible 500. He was followed close behind by two Y-12ers . . . Ed Scott, 467; and

Other final scores:	
Firer	Scor
D. R. Sears, ORNL	445
Jack Mrochek, ORNL	445
Bert Searles, Y-12	425
Bill Kelley Jr., Y-12	
Jack Huff, Y-12	
Hugo Bertini, ORNL	
Bill Denton, Y-12	411
Don Kiplinger, ORNL	408
John Miller, ORNL	
John Conlin, ORNL	
Vic Fowler V-12	993

Whittles' Greens Fees Upped For Tournament

Golfers aiming for the Whittle Springs tournament, set for Y-12ers Saturday, August 24, take note. The greens fee for the tournament has advanced 50 cents to \$2.50 . . . instead of the \$2 as originally publicized.

See you August 24. P. S. bring your own \$2.50!

Recreation



GOLF: Southwest Point, after work, Southwest Point, Kingston. PHYSICAL FITNESS (Women): 7:30 p.m., Oak Ridge High School Girls' Gym.

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. Big Shops vs. Beta Two; White Sox vs. Cardi-

nals; J-Birds vs. Gashouse Gang.

Tuesday, August 20

PHYSICAL FITNESS (Men):
7:30 p.m., Oak Ridge High School

Gym. PISTOL LEAGUE: 6:15 p.m. Oak Ridge Sportsmen's Associa-

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. UCC All Stars vs. Big Shops; Gashouse Gang vs. White Sox; Cardinals vs.

Wednesday, August 21

GOLF: Melton Hill League, after work, Melton Hill, Clinton. GOLF: 4:30 p.m. Deadline for entering Whittle Springs Tournament, Saturday, August 24.

Thursday, August 22 SOFTBALL: Beginning 6:15 p.m. Pinewood Park. Braves vs. K-25 Colts; J-Birds vs. Bat Boys; Eagles vs. Pirates.

HORSESHOE: 7 p.m. City Courts, Jackson Square.

Saturday, August 24 GOLF TOURNAMENT: 7 a.m. Whittle Springs Tournament, Knoxville.

Burns Account For Many Painful Injuries In U.S.

There are more than a million serious burn cases in America each year, requiring hospitalization. The three types of burns are: First degree - only reddened skin. Second degree — blisters . . . and Third degree damaging several layers of skin.

For the more dangerous burns - call the doctor, keep the victim lying down, comfortable and warm. Don't break blisters or try to "clean" the wound. For mild burns, place the injured section under cold running water for about three minutes.

Pryson-Ellis Edge Toward SW Top

The status quo reined in the Southwest Point Golf League last week, as standings remained virtually unchanged.

The Hamill-Plemons pair still lead the pack, after the four-point defeat of Garber-Huddleston. The Trues also trimmed Tuell-Goodwin. Six points went to Pryson-Ellis over Groppe-Argo, and Mee-Wright over Ludwig-East.

Bill Mee was low . . . with 35 scratch, and 35 handicap scores. League standings follow:

Team	W
Hamill-Plemons	s 49
True-True	46
Pryson-Ellis	45
Mee-Wright	
Ludwig-East	
Groppe-Argo	20
Garber-Huddles	ston 18
Goodwin-Tuell	18

Dental Bridges Falling Down Says Army Dentist

By the year 2000, uncomforta-ble dental bridges will be a thing of the past, according to Lt. Col. Milton Knapp, a dentist in the Medical Research and Development Command of the Army dicts that dentists of the future tooth in the jawbone.

Top Melton Hill Golfers Win Big

The two top teams in the Melton Hill Golf League stayed neck-to-neck in competition last week. Both Winstead-Ferguson and Wright-Butler took opponents for five points . . . the W-F team beating Clabough-Nobles and the W-B team skinning Stinnett-Butler.

The only sweeping win of the week went to Parrott-Parker over Nelson-Poly.

Four point win was earned by Rogers-Thomas over Hamby-Grubb. The Alvey-Phillips team shared three with Cuberson-Tiller. The Bell-Burrus team took four from Carter-Jones.

Bill Jones came in with a 39 scratch score; while J. C. Thompson carded a 34 handicap.

League standings follow League standin
Team
Winstead-Ferguson
Wright-Butler
Alvey-Phillips
Bell-Burrus
Hamby-Grubb
Parrott-Parker
Culberson-Tiller
Rogers-Thompson
Clabough-Nobles
Brown-Gresham
Holly-Tilley
Carter-Jones
Butler-Stinnett
Poly-Nelson

Reed-Stephens Keep Slim HossShoe Top

The HossShoe League got in a few licks last Thursday . a few more got postponed by rain.

The Durham-Bailey team won six from Allman-Moody . . . and seven from Luckett-Brock. Eubanks-Raper took six from Gray-Copeland . . . and Case-Miller won eight from Wyatt-Hensley. Young-Holsopple took forfeited

nine points from Hutto-Tillery. Luckett-Brock won five from

Gray-Copeland.

League standings follow:

Team	w	1
Reed-Stephens, Y-12	9	(
Durham-Bailey, ORNL	13	
Eubanks-Raper, Y-12	13	1
Case-Miller, ORNL	8	-
Young-Holsopple	9	
Gray-Copeland, ORNL	7	1
Luckett-Brock, ORNL	7	1
Allmon-Moody, ORNL	3	
Hutto-Tillery, ORNL	2	10
Wyatt-Hensley, Y-12	1	
DANGERSON OF SAME SECTION OF THE PARTY OF THE PROPERTY OF THE PARTY OF		

SURE SHOT

One of the surest ways to stay awake during an after dinner speech is to give it!

will simply spread a chemical around a tooth that has to be pulled. The chemical will loosen the fibers holding the tooth and the dentist will painlessly lift it from the socket. Then, a plastic tooth with a chemical sponge around it will be placed in the empty space. The chemical will Surgeon General. Col. Knapp pre- permanently anchor the synthetic

Tee-Off Time Application For Whittle Springs Tournament

Saturday, August 24

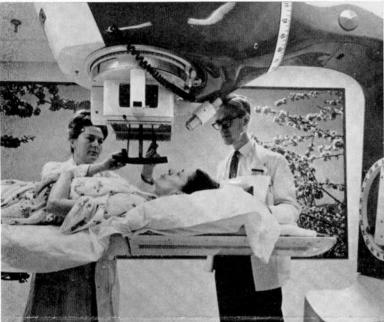
Foursome

Leader Leader's office phone Home phone Tee-off Time Preferred _

Fill out completely and return to the Recreation Office, Building 9704-2 Deadline for entering is 4:30 p.m. Wednesday, August 21. Tee-off times will be drawn the next day, Thursday, August 22 at 8:30 a.m.







NEUTRONS FOR MEDICAL RESEARCH are produced in a 3-million watt nuclear reactor at the National Medical Research Center of Brookhaven National Laboratory on Long Island, New York. Top, technicians operate the control console and instrument panel of this reactor. The neutrons are used to produce radioisotopes for atomic medicine. Bottom, a cobalt machine in which such isotopes are used is being prepared for treatment of a cancer patient at the Memorial Sloan-Kettering Cancer Center in New York City. These miracles are discussed in the "Atomic Medicine" episode of "The 21st Century" Sunday, at 6 p.m., EDT, on CBS Television Network. The program in color, is carried locally over WBIR-TV, Channel 10.

'Atomic Medicine' Features ORNL On '21st Century' TV Show Sunday

tory, a technician, a forerunner of radiation is controlled by a comthe pharmacist of the future, is puter system that, in the future, LESS AND LESS ROOM filling prescription orders for radioisotopes. This scene occurs in "Atomic Medicine," an episode of "The 21st Century" television series that will be broadcast Sunday, August 18 at 6 p.m., EDT in color on the CBS Television Network. CBS News Correspondent Walter Cronkite is principal reporter for the series, which is sponsored in the public interest by Union Carbide Corporation. The program is carried locally by WBIR-TV, Channel 10.

The isotope, which is the material in which radioactivity is packaged, is the basic tool of atomic medicine. Orders come here from hospitals and medical centers all over the country. The Oak Ridge pharmaceutical bank contains 70 different radioisotopes. With them doctors can perform 75 different diagnostic tests, and 25 of them can be used in the treatment of diseases.

"The 21st Century" report also deals with computerized control of radiation which is demonstrated in cancer treatment at The Memorial Hospital for Cancer and Allied Diseases in New York City.

At Oak Ridge National Labora- | The mighty power of nuclear

"Atomic Medicine" Sunday at 6 p.m., WBIR-TV, Channel 10.



The sultry days of mid-summer fly by . . . as more Y-12 veterans observe important days with Union Carbide Corporation. Congratulations.

25 YEARS

Milton Carey, Critical Path & Regular Production Scheduling,

Ernest T. Wallace, Research Services, August 16.

Thomas J. Boring, Research Services, August 17. Avery F. Kendig, Buildings,

Grounds and Maintenance Services, August 17. Newton A. Stone, Research

Services, August 19. 20 YEARS

Guy W. Tuck, Process Maintenance, August 16.

15 YEARS

John S. Jones, Process Maintenance, August 14.

James L. H. Henry, Dimen-

sional Inspection, August 15.

Benjamin F. Butler, Research Services, August 17.

Ernest M. Foster, Chemical Engineering Development, August

Arthur J. Gilliam, Jr., Research Services, August 17.

Jesse E. Haynes, Beta Four Heavy Machine Shop, August 17. Lloyd Johnson, General Machine Shop, August 17.

Peter B. Kohler, Process Mainte-

nance, August 17. **Hubert E. Parrott,** Machine Maintenance, August 17.

Bascom S. Turner, Research Services, August 17.

Sidney M. Verble, Process Maintenance, August 17. John W. Steele Jr., Alpha Five

Processing, August 19. Emery J. Yearwood, Alpha Five

10 YEARS

Processing, August 19.

Lawrence D. Johnson, Gage Certification Laboratory, August

Edward R. Stover, A-2 Shops, 9212, August 18.

MERITS OF MARRIAGE

Marriage teaches you loyalty, forbearance, patience, self-restraint, meekness and a lot of ington, D. C., after which time sell, is in Y-12's F Area Shop. other qualities you wouldn't need he will fly to Switzerland for 21 He is the commander of the Oak other qualities you wouldn't need if you stayed single.

It is estimated that by the year 2500 A.D. there will be one person for every square foot of land on About 185 cadets from the U.S.A. earth. Sorta like North Portal, ex-

Remember, The Telephone Has Not Been Cleared For Classified Information!

or potential enemy.

THE TELEPHONE HAS NOT BEEN CLEARED FOR CLASSI-FIED INFORMATION!

It is primarily a means for unrehearsed conversations and the only control over what is said is self control. Each person is faced with a serious individual responsibility every time he uses the telephone, either with or without direct electrical connection. Telephone conversations are as vulnerable to interception as most plain language radio messages.

Probably the most common mis-

The telephone is a friendly take associated with the tele-cation easily monitored by a real common error is to forget that the and academic ability. He is also a cines. This will prevent sleepy or telephone becomes, in effect, microphone in many ways.

"Double talk" and "code systems" are other mistakes very dangerous to telephone security, warns the AEC. Telephone conversations can be recorded for quick transcription and detailed analysis. The analysis is usually complete and successful.

Telephone security depends completely on the individual discipline of the telephone user, so

be a disciplinarian.

Just observe the "Posted" sign: 'Never Discuss Classified Information on the Telephone!"



UNION CARBIDE CORPORATION NUCLEAR DIVISION

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CADETS ROY P. RUSSELL JR. and Stephen C. Lord brought honors this summer to the Oak Ridge Squadron of the Civil Air Patrol. Russell, left, is attending the CAP Cadet Leadership conference in Nevada, and Lord is in Switzerland for 21 days attending the International Cadet Exchange.

Cadets Lord And Russell Bring Laurels To Oak Ridge Squadron Civil Air Patrol

Cadets of the Oak Ridge Squad- | Ridge. She just returned from a ron Civil Air Patrol are very active in the CAP 1968 summer activities conducted in various localities in the U.S. and abroad. Islands.

Cadet Lt. Col. Stephen C. Lord left Oak Ridge July 23 for prebriefing and instruction in Washdays. Cadet Lord was the winner of the CAP's International Air Cadet Exchange. This is the most sought after activity in the CAP Have You Checked Your Cadet program and the winner must be tops in every respect. will participate in the exchange program with some 21 foreign countries.

Cadet Lt. Col. Roy P. Russell Jr. left Oak Ridge July 25 for Reno-Stead AFB, Nevada, for three weeks, attending the CAP Cadet Leadership conference. Cadet Russell is the commander of the Cadet Squadron here and candidate for the highest award in CAP . . . the General Carl A. Spaatz award. Less than 50 of these awards have been presented to cadets in 26 years of CAP history. Cadet Russell is an outstanding example of dedicated young men to a way of life . . . respect for his country and a desire to make the best possible citizen and leader in his community as well as for the military service.

Lt. Mary L. Woody is also attending the Cadet Leadership School in Reno. She is an outonly one attending from Oak than that!

CAP summer encampment held at Gulfport, Mississippi. Her father is with the Space Program in the

Cadet Lord's father is with the computer division in K-25 . . Cadet Russell's father Roy P. Rus-

Medicine Cabinet Lately?

Have you checked your medicine cabinet lately? Poison hazards can be eliminated by retaining only those medications that were purchased recently and are labeled for instant identification. Some compounds deteriorate with age, while others (like iodine) become dangerously strong through evaporation. Discard unlabeled befuddled persons from swallowing the wrong dose.

PATIENCE TRIED

An elevator operator we know got tired of people constantly asking him the time . . . so he installed a clock in his elevator. Now all the riders get in and ask. "Is that clock right?"

PLAIN FACTS

Scientists say that the surface of the moon is 90 percent smooth. standing female cadet and the Boy, the earth is a lot rougher